

Comparisons of Job Characteristics

Focus Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

Associated Occupation: [Nuclear Medicine Technologists \(29-2033\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Nuclear Medicine Technologists (29-2033)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	17.9	15.5	<	Expanded education and/or training may be required
Mathematics	9.2	13.1	8.6	<<	Extensive education and/or training may be required
Computers and Electronics	8.4	12.9	8.8	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	12.9	15.1	>	Current knowledge level is likely sufficient
Biology	3.7	12.0	8.0	<<	Extensive education and/or training may be required
Chemistry	4.8	11.2	5.9	<<	Extensive education and/or training may be required
Physics	4.3	9.9	2.7	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Nuclear Medicine Technologists (29-2033)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Science	4.5	10.1	6.0	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	8.1	5.9	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	5.9	3.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Health Technologists and Technicians, All Other (29-2099) Associated Occupation: Nuclear Medicine Technologists (29-2033)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	13.9	13.6	0	Current ability level may be sufficient
Oral Expression	12.4	13.3	13.3	0	Current ability level may be sufficient
Near Vision	11.1	12.6	11.6	0	Current ability level may be sufficient
Information Ordering	9.9	11.5	10.9	0	Current ability level may be sufficient
Written Comprehension	11.0	11.1	11.9	0	Current ability level may be sufficient
Problem Sensitivity	11.1	10.8	13.5	>	Current ability level is likely sufficient
Speech Recognition	9.9	10.7	10.6	0	Current ability level may be sufficient
Written Expression	9.8	10.5	10.8	0	Current ability level may be sufficient
Dynamic Strength	3.5	5.4	3.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 66
Focus Occupation: Health Technologists and Technicians, All Other (29-2099) Associated Occupation: Nuclear Medicine Technologists (29-2033)		
Tools and Technologies	Exclusivity	
Blood pressure units and related products	11	
Computers	1	
Content authoring and editing software	1	
Crystallography equipment	23	
Indicating and recording instruments	2	
Industry specific software	1	
Intravenous and arterial tubing and administration sets and related products	22	
Medical computed tomography CT or CAT systems and related products	27	
Medical imaging processing equipment and supplies	33	
Medical radiation detection or monitoring products	31	
Medical radiological imaging information and archiving products	43	
Medical radiological positioning aids	47	
Medical radiological shielding and protection products	31	
Medical staff clothing and related articles	17	

Medical ultrasound and doppler and echo imaging products	19
Oxygen therapy delivery systems and devices	13
Pulse oximeters	18
Specimen collection and transport containers and supplies	14
Syringes and accessories	14
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.